Exercises 1 16010115 龙诗琪

1. Create a file called message.txt in your home directory and move it into another directory.

mkdir -p /Home/New\_Dir

touch message.txt

mv message.txt /Home

mv /Home/message.txt /Home/New\_Dir

1. Copy the message.txt you just moved into your home directory.

Cp -i message.txt message2.txt

1. Delete both copies of message.txt. Try to do this without using rm.

find . -name message.txt -delete

Exercises 2

1.Create a new directory called workbench in your home directory.

Mkdir workbench

2.Without changing directories create a file called readme.txt inside of workbench.

touch workbench/readme.txt

3.Append the numbers 1, 2, and 3 to readme.txt so that each number appears on it’s own line.

echo -e "1 \n2 \n3" >workbench/readme.txt

1. Print readme.txt to the command line.

cat -n readme.txt

1. Use output redirection to create a new file in the workbench directory called list.txt which lists the files and folders in your home directory.

touch workbench/list.txt

ls -al workbench/list.txt

1. Find out how many characters are in list.txt without opening the file or printing it to the command line.

wc -m workbench/list.txt

### Exercises

1. Use man to look up the flag for human-readable output from ls.

man ls

1. Get help with man by typing man man into the console.

man man

1. Wouldn’t it be nice if there was a calendar command? Use apropos to look for such a command, then use man to read about how that command works.

apropos cal

man cal

### Exercises

1. Before I organized the photos by year, what command would have listed all of the photos of type .png?

find . -name "\*.png"

1. Before I organized the photos by year, what command would have deleted all of my hiking photos?

find . -name "\*hiking\*.png" -delete

1. What series of commands would you use in order to put my figures for a data science course and the pictures I took in the lab into their own folders?

find - name "\*.txt" -exec mv {} data

find - name "\*.png" -exec mv {} photo